BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

Name of the Work: Construction of RCC drain at Chinnappa Layout in ward No.07, Byatarayanapura

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	177.42	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)	Cum	137.80	Rupees One Hundred Thirty Seven and Eighty Paise Only
2	16.20	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8with OPC @ 180 kgs, using 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)	Cum	5408.12	Rupees Five Thousand Four Hundred Eight and Twelve Paise Only
3	39.89	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 14, Item NO. 4.11)	Cum	5998.54	Rupees Five Thousand Nine Hundred Ninety Eight and Fifty Four Paise Only
4	1.89	Providing **TMT Steel Reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.18, Item No.4.46.2)	Tonne	75223.96	Rupees Seventy Five Thousand Two Hundred Twenty Three and Ninety Six Paise Only
5	243.00	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / **rectangular sla b /side walls** polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)	Sqm	483.36	Rupees Four Hundred Eighty Three and Thirty Six Paise Only
6	239.22	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)	Sqm	2100.00	Rupees Two Thousand One Hundred Only
7	50.00	Providing and fixing MS Grating 260x260 mm(Page No.VIII, Sl No.237, code No.0771)	Nos	94.34	Rupees Ninety Four and Thirty Four Paise Only
8	25.50	KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 1000,2300 Page No. 255, Item No. 34.7.8, PWD SR 2018-19	Cum	5976.28	Rupees Five Thousand Nine Hundred Seventy Six and Twenty Eight Paise Only
9	2.26	Providing 100mm and down size nominal size. (Pg No.I.Item No.23)	Cum	987.62	Rupees Nine Hundred Eighty Seven and Sixty Two Paise Only
10	1.13	Providing 40mm and down size nominal size (Pg No.II.Item No.25)	Cum	1091.43	Rupees One Thousand Ninety One and Forty Three Paise Only

Signature of the contractor

EXECUTIVE ENGINEER-4
KRIDL, DEAR DIVISION
BENGALURU-560 010

26/02

Executive Engineer

	proved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
N	5	Providing 20mm and down size nominal size (Pg No.II.Item No.28)	Cum	1091.43	Rupees One Thousand Ninety One and Forty Three Paise Only
2	177.42	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)	Cum	94.34	Rupees Ninety Four and Thirty Four Paise Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore Mahanagara Palike and as directed.
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

26/02

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'.

26/02

EXECUTIVE ENGINEER-4
KRIDL, DBMP DIVISION
BENGALURU-560 010

CONTRACTOR.